Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101515\
Data File : BG019214.D
Acq On : 15 Oct 2015 20:29
Operator : UM/NP
Sample : G3966-14RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LH0

Quant Time: Oct 16 04:09:01 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 16 04:07:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	13945	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	3878	20.00	ng/ul	-0.18
36) Acenaphthene-d10	14.40	164	430	20.00	ng/ul	-0.24
62) Phenanthrene-d10	17.10	188	196	20.00	ng/ul	-0.29
78) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.65
86) Perylene-d12	24.86	264	153657	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	453	1.81	ng/uL	0.00
5) Phenol-d5	7.17	99	8845	7.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	24703	31.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	23706	26.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	18927	18.36	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	15651	523.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	16446	518.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	30017	477.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	264	3.26	ng/ul	-0.15
44) Dimethylphthalate-d6	13.79	166	72	1.91	ng/ul	-0.25
47) Acenaphthylene-d8	14.09	160	71	1.75	ng/ul	-0.24
52) 4-Nitrophenol-d4	14.66	143	211	31.21	ng/ul	-0.18
58) Fluorene-d10	15.36	176	220	6.84	ng/ul	-0.27
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.24	188	223	24.08	ng/ul	-0.25
79) Pyrene-d10	19.77	212	239444	0.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	262412	33.80	ng/ul	-0.01
Target Compounds						Qvalue
17) Hexachloroethane	9.19	117	672	1.71	ng/ul#	1
20) Nitrobenzene	9.08	77	101	1.23	ng/ul#	1
21) Isophorone	9.56	82	458	2.87	ng/ul#	1
24) 2,4-Dimethylphenol	9.98	107	5112	62.62	ng/ul	94
30) 4-Chloroaniline	10.86	127	1236	14.83	ng/ul#	25
32) Caprolactam	11.49	113	241	10.26	ng/ul#	77
33) 4-Chloro-3-methylphenol	11.89	107	1599	20.02	ng/ul#	18
35) 1-Methylnaphthalene	12.47	142	1566	9.95	ng/ul#	63
42) 2-Chloronaphthalene	13.30	162	157	6.05	ng/ul#	40
43) 2-Nitroaniline	13.48	65	105	10.34	ng/ul#	9
45) Dimethylphthalate	13.86	163	80	2.11	ng/ul#	1
46) 2,6-Dinitrotoluene	14.00	165	137	18.97	ng/ul#	1
48) Acenaphthylene	14.19	152	148	3.30	ng/ul#	28
49) 3-Nitroaniline	14.30	138	135	19.50	ng/ul#	1
53) 4-Nitrophenol	14.61	109	90	12.18	ng/ul#	27
55) 2,4-Dinitrotoluene	14.79	165	123	10.49	ng/ul#	1
57) Diethylphthalate	15.20	149	1218	30.98	ng/ul#	59
59) Fluorene	15.53	166	120	3.30	ng/ul#	65
60) 4-Chlorophenyl-phenylether	15.54	204	59	3.15	ng/ul#	30
61) 4-Nitroaniline	15.56	138	146	17.80	ng/ul	96
65) N-Nitrosodiphenylamine	15.63	169	1212	225.00	ng/ul#	19
70) Phenanthrene	17.21	178	119	10.87	ng/ul#	1
72) Anthracene	17.25	178	312	28.06	ng/ul#	8

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101515\
Data File : BG019214.D
Acq On : 15 Oct 2015 20:29
Operator : UM/NP
Sample : G3966-14RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LH0

Quant Time: Oct 16 04:09:01 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 16 04:07:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) Di-n-butylphthalate	18.06	149	229	18.15	ng/ul#	79
77) Fluoranthene	19.13	202	60	4.38	ng/ul#	73

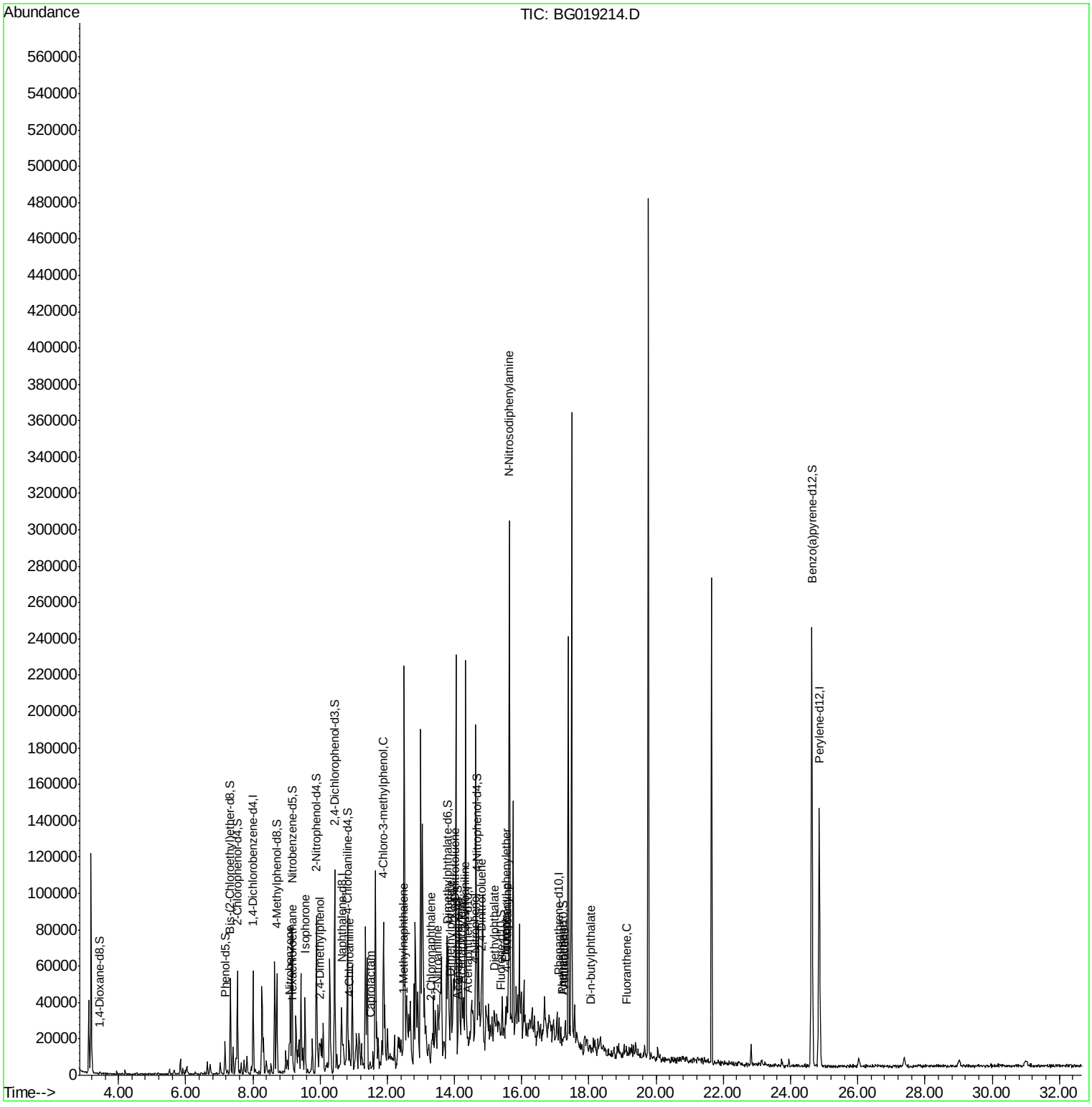
(#) = qualifier out of range (m) = manual integration (+) = signals summed

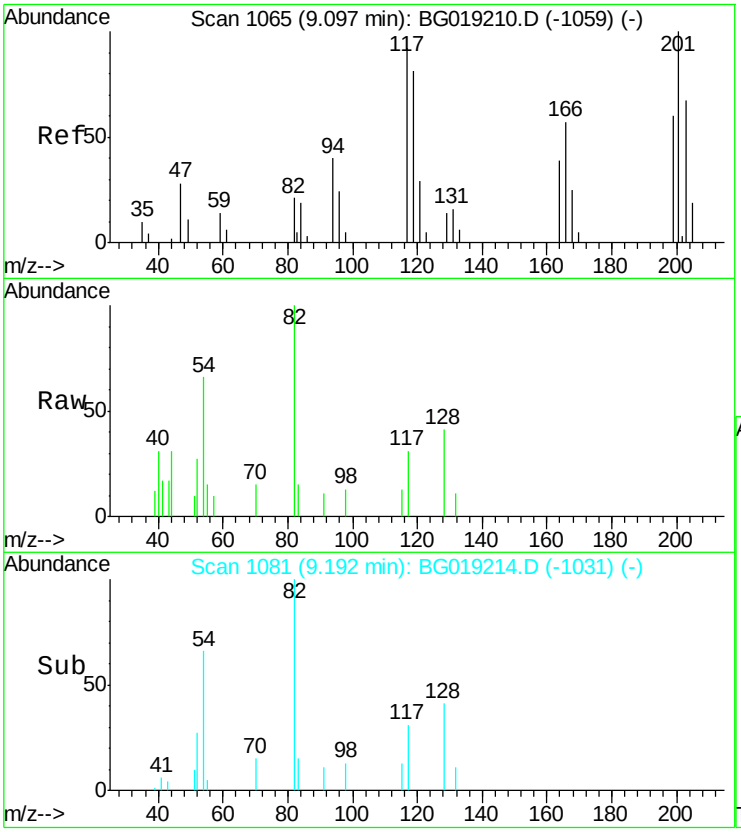
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101515\
Data File : BG019214.D
Acq On : 15 Oct 2015 20:29
Operator : UM/NP
Sample : G3966-14RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LH0

Quant Time: Oct 16 04:09:01 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 16 04:07:16 2015
Response via : Initial Calibration



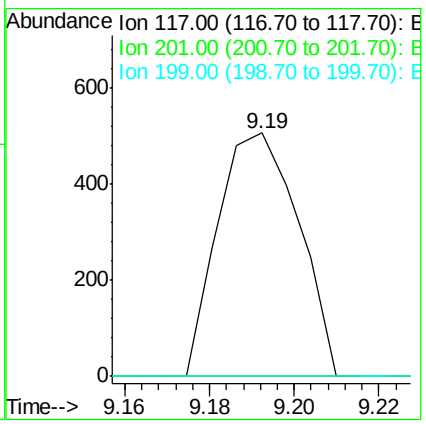


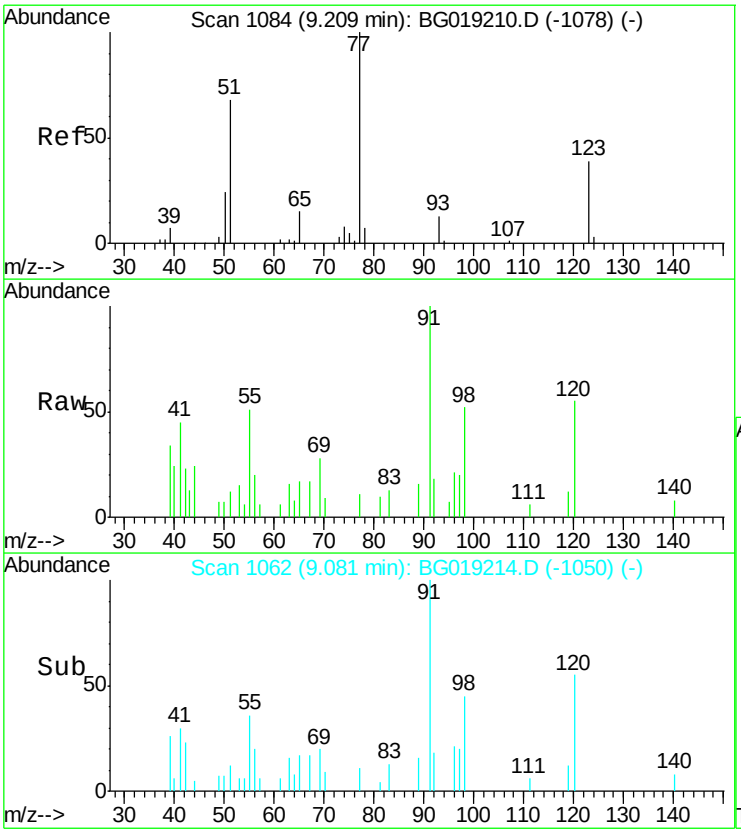
#17
Hexachloroethane
Concen: 1.71 ng/ul
RT: 9.19 min Scan# 1081
Delta R.T. 0.09 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Instrument :
BNA_G
ClientSampleId :
E5LH0

Tgt Ion:117 Resp: 672

Ion	Ratio	Lower	Upper
117	100		
201	0.0	91.4	137.0#
199	0.0	58.7	88.1#

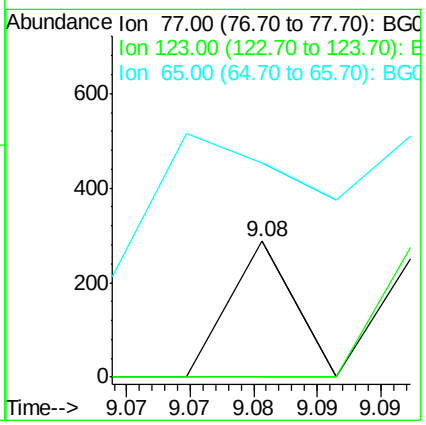


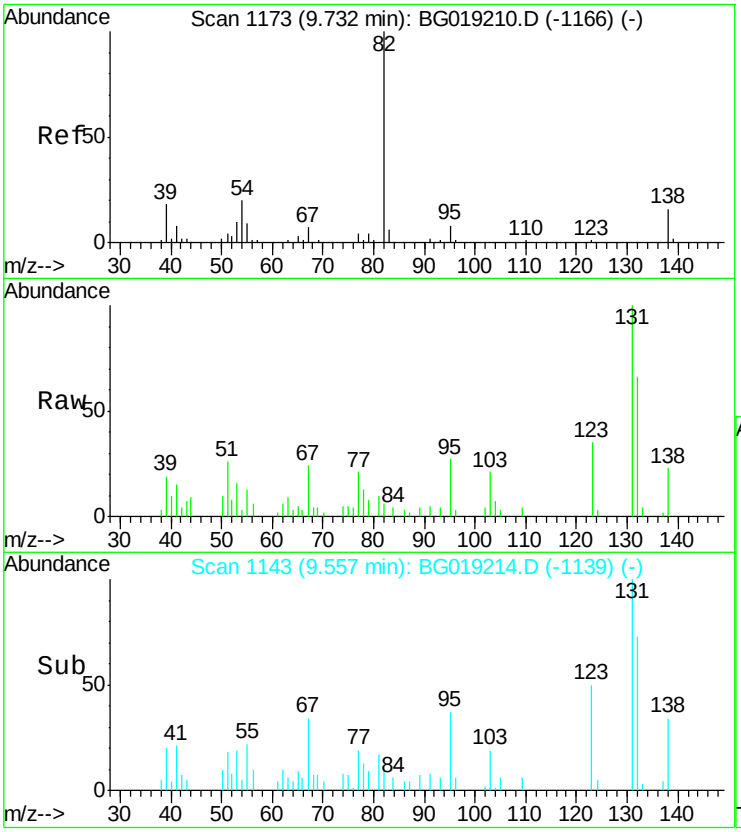


#20
Nitrobenzene
Concen: 1.23 ng/ul
RT: 9.08 min Scan# 1062
Delta R.T. -0.13 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Tgt Ion: 77 Resp: 101

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	48.8#
65	157.5	10.6	15.8#



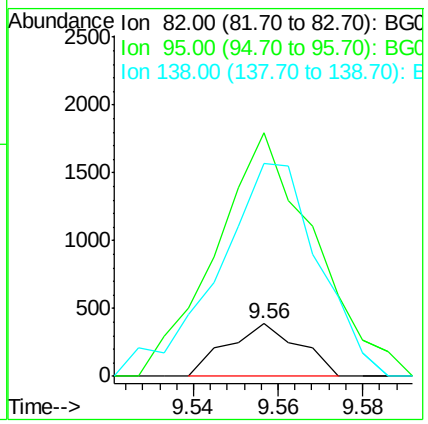


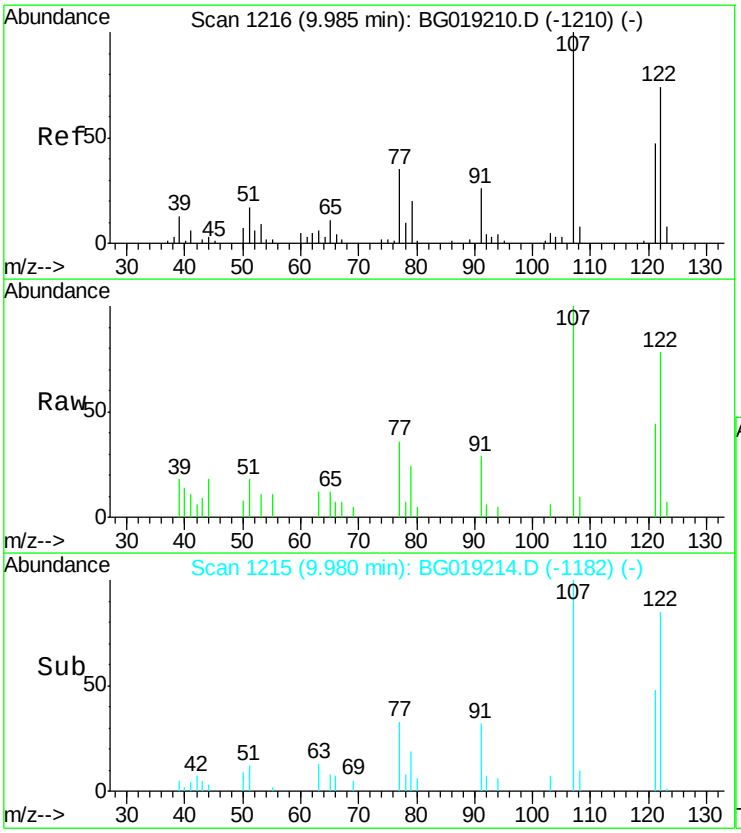
#21
Isophorone
Concen: 2.87 ng/ul
RT: 9.56 min Scan# 1143
Delta R.T. -0.18 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Instrument :
BNA_G
ClientSampleId :
E5LH0

Tgt Ion: 82 Resp: 458

Ion	Ratio	Lower	Upper
82	100		
95	466.0	5.1	7.7#
138	407.3	12.2	18.2#

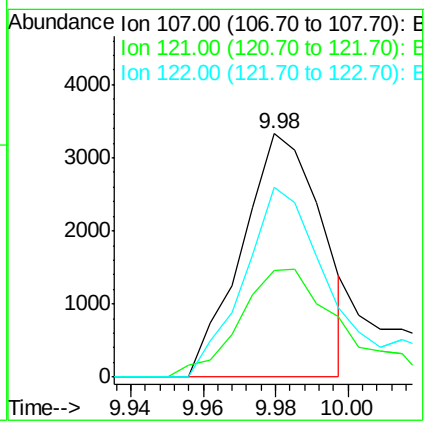


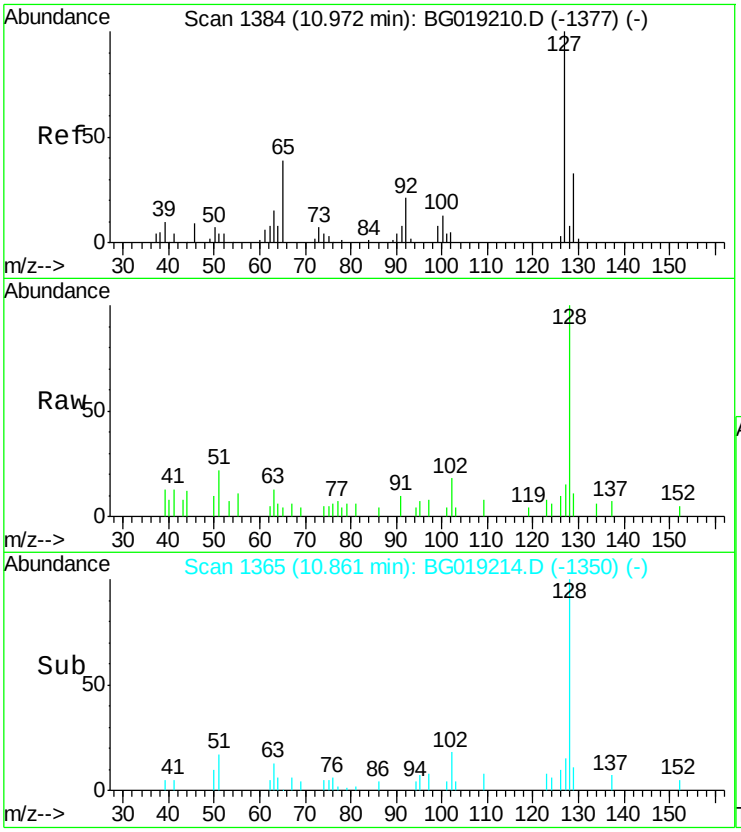


#24
2,4-Dimethylphenol
Concen: 62.62 ng/ul
RT: 9.98 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Tgt Ion:107 Resp: 5112

Ion	Ratio	Lower	Upper
107	100		
121	43.8	37.2	55.8
122	78.0	67.6	101.4



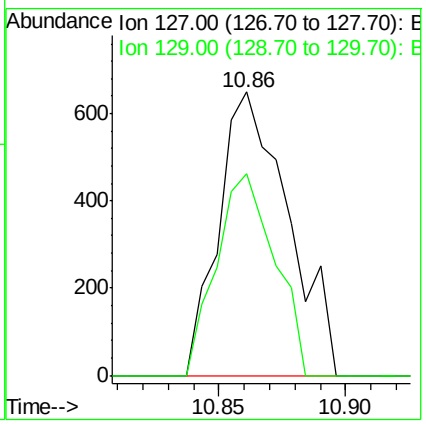


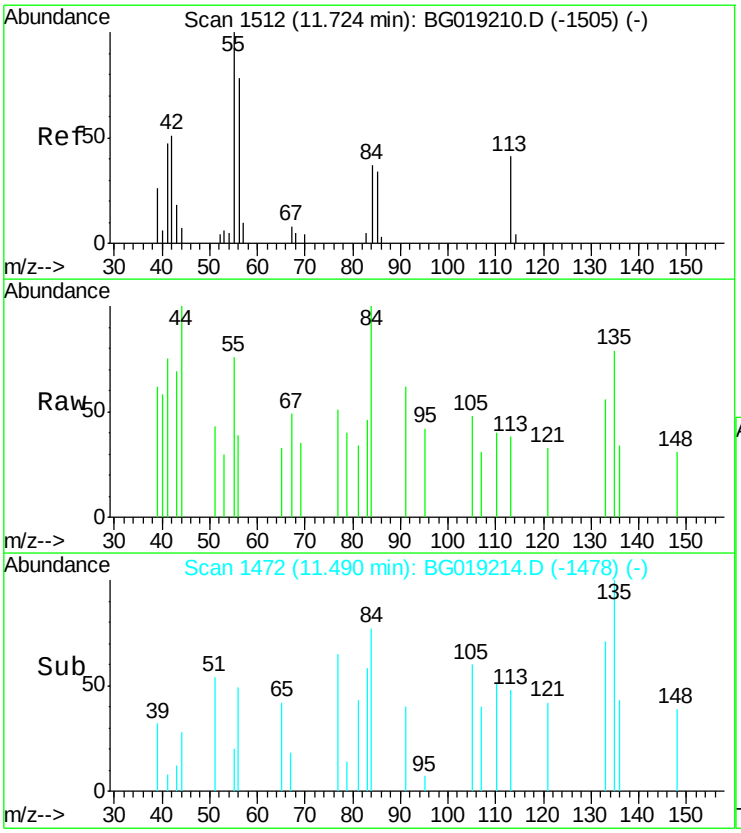
#30
4-Chloroaniline
Concen: 14.83 ng/ul
RT: 10.86 min Scan# 1365
Delta R.T. -0.11 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Instrument :
BNA_G
ClientSampleId :
E5LH0

Tgt Ion:127 Resp: 1236

Ion	Ratio	Lower	Upper
127	100		
129	71.3	24.3	36.5#

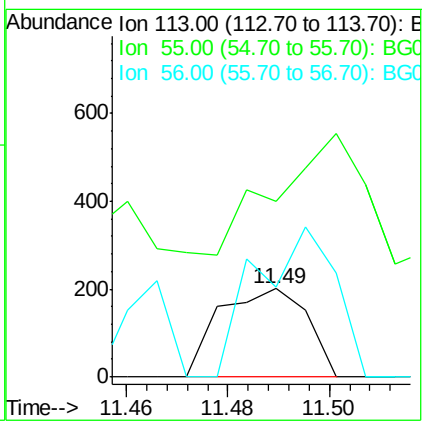


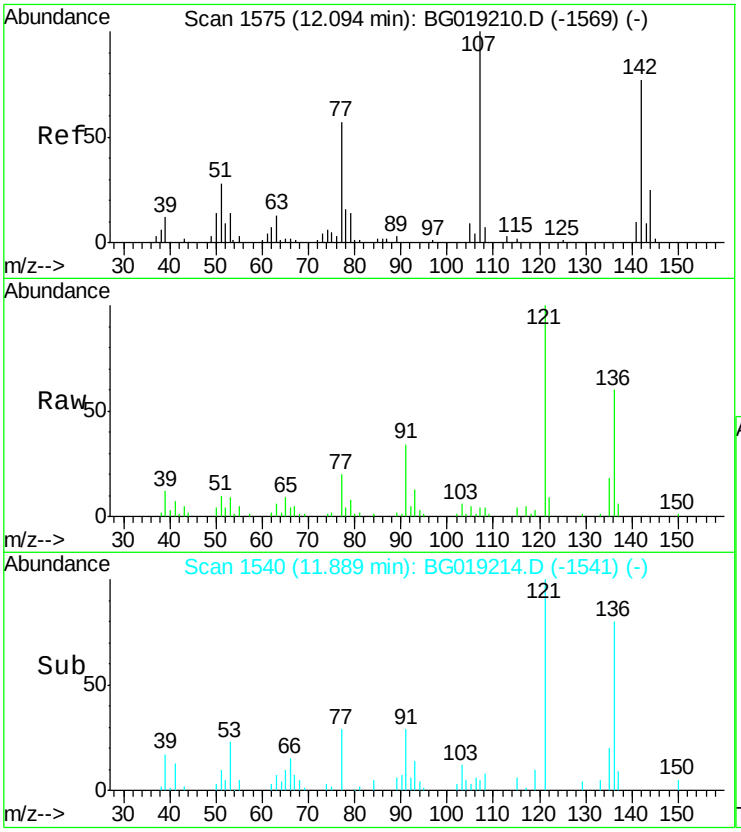


#32
Caprolactam
Concen: 10.26 ng/ul
RT: 11.49 min Scan# 1472
Delta R.T. -0.23 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Tgt Ion:113 Resp: 241

Ion	Ratio	Lower	Upper
113	100		
55	198.5	169.3	253.9
56	102.0	125.8	188.8#



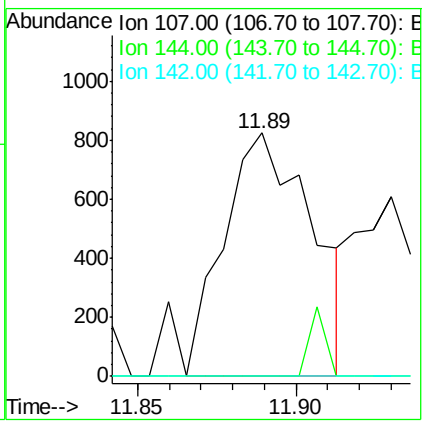


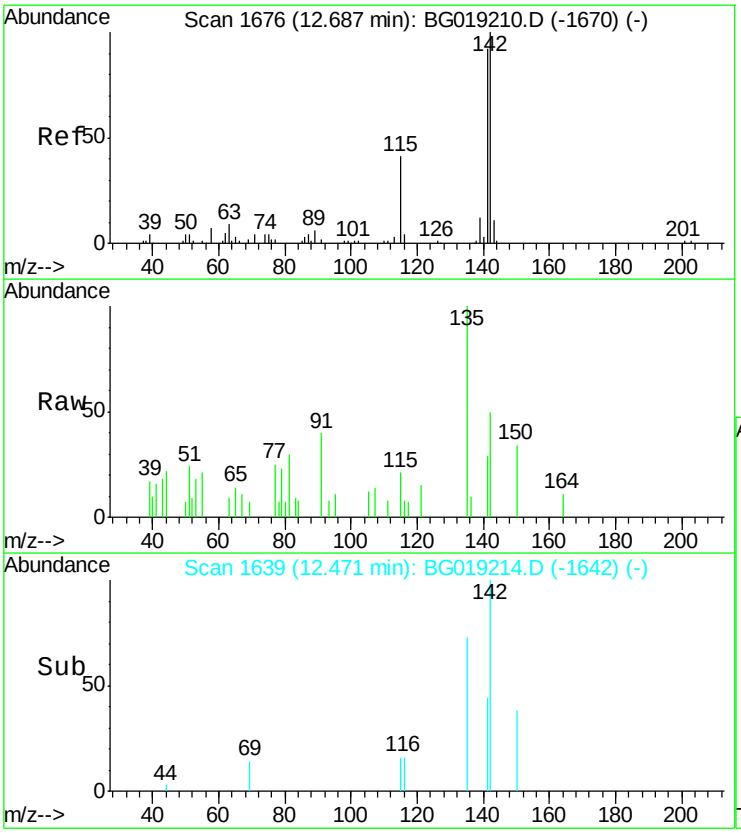
#33
4-Chloro-3-methylphenol
Concen: 20.02 ng/ul
RT: 11.89 min Scan# 1540
Delta R.T. -0.20 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Instrument :
BNA_G
ClientSampleId :
E5LH0

Tgt Ion:107 Resp: 1599

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.9	31.3#
142	0.0	65.6	98.4#

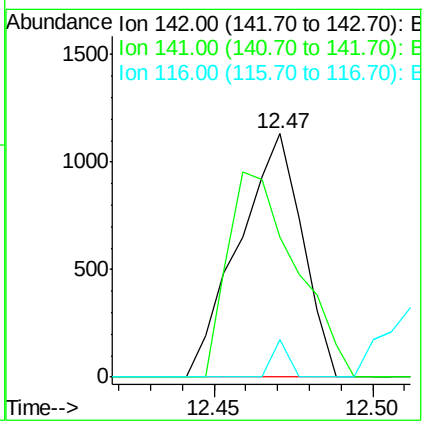


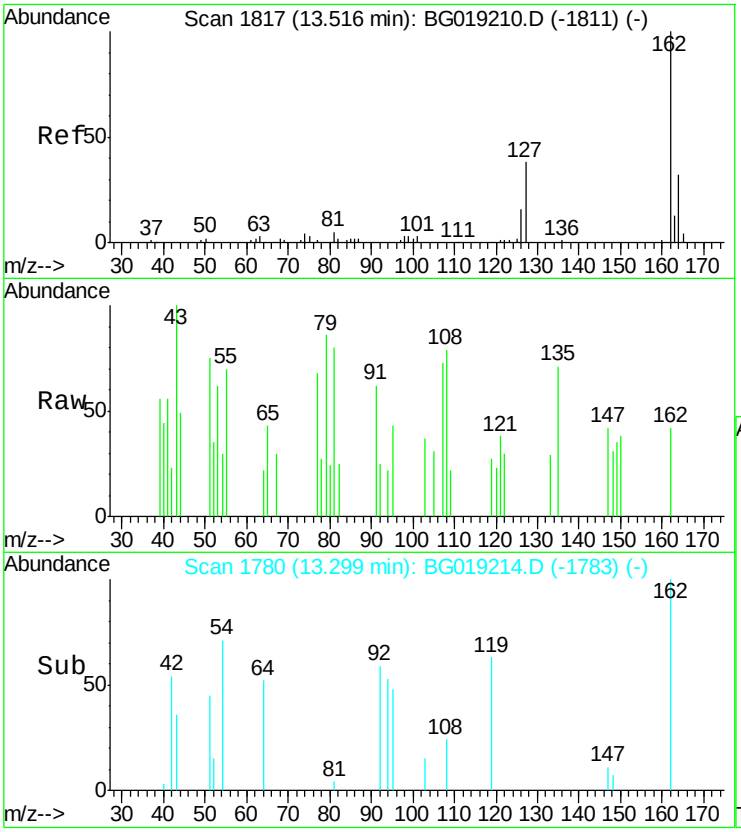


#35
1-Methylnaphthalene
Concen: 9.95 ng/ul
RT: 12.47 min Scan# 1639
Delta R.T. -0.22 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Tgt Ion:142 Resp: 1566

Ion	Ratio	Lower	Upper
142	100		
141	57.7	74.8	112.2#
116	15.6	3.2	4.8#



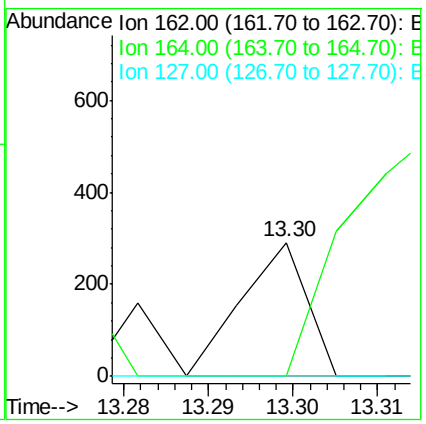


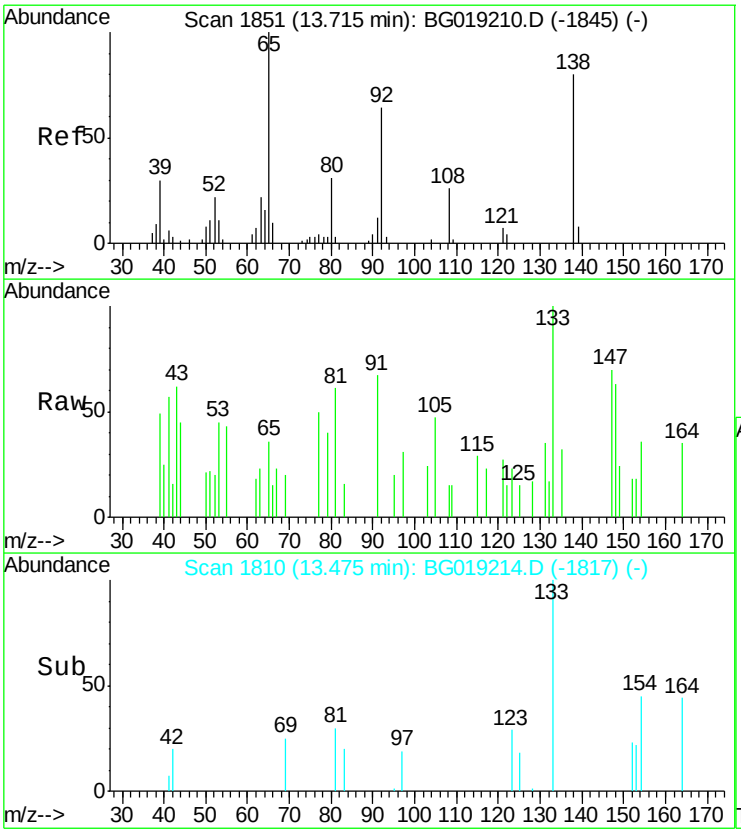
#42
2-Chloronaphthalene
Concen: 6.05 ng/ul
RT: 13.30 min Scan# 1780
Delta R.T. -0.22 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Instrument :
BNA_G
ClientSampleId :
E5LH0

Tgt Ion:162 Resp: 157

Ion	Ratio	Lower	Upper
162	100		
164	0.0	25.8	38.8#
127	0.0	29.0	43.4#

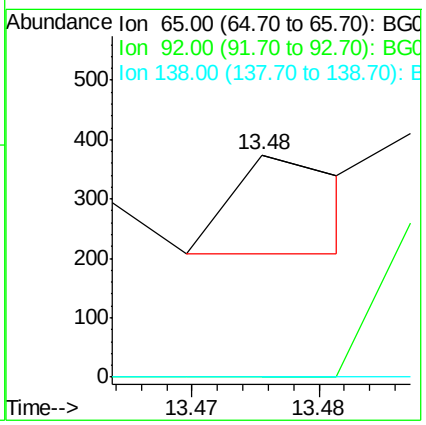


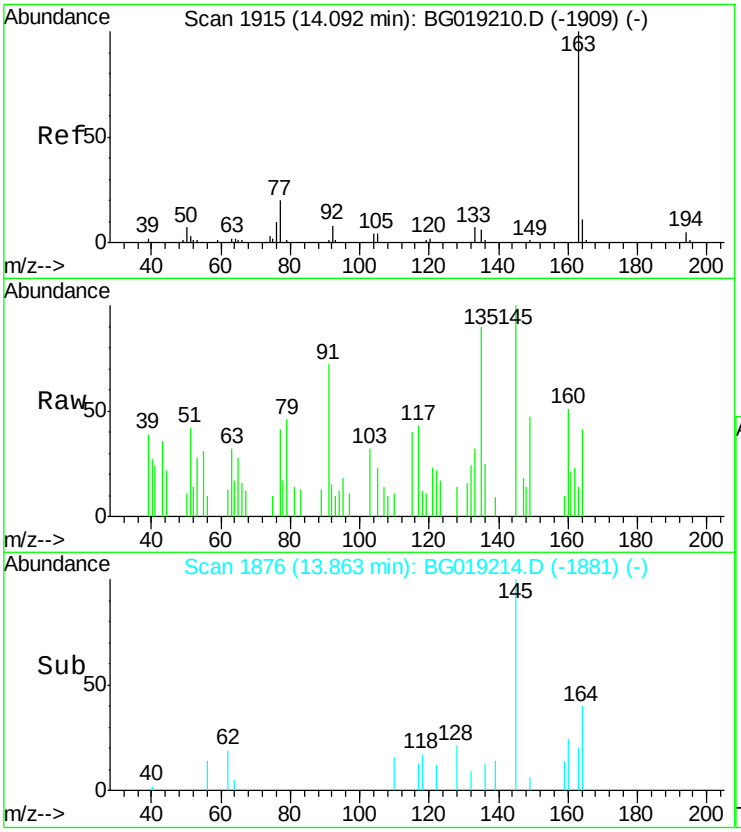


#43
2-Nitroaniline
Concen: 10.34 ng/ul
RT: 13.48 min Scan# 1810
Delta R.T. -0.24 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Tgt Ion: 65 Resp: 105

Ion	Ratio	Lower	Upper
65	100		
92	0.0	50.7	76.1#
138	0.0	74.9	112.3#



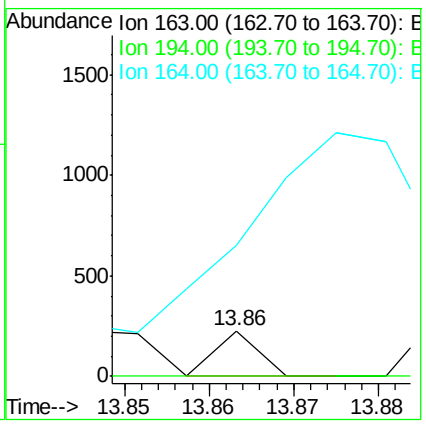


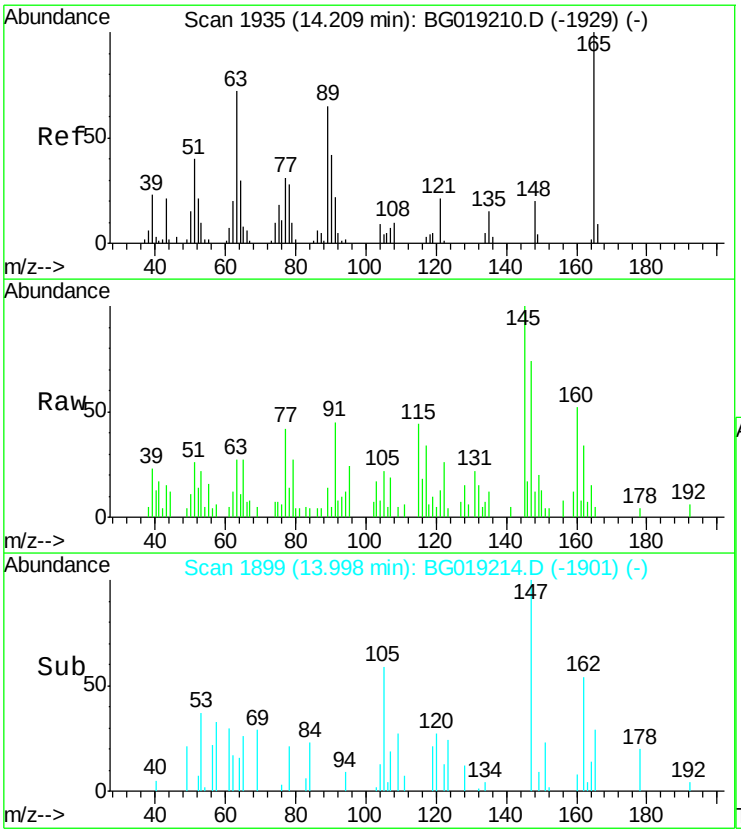
#45
Dimethylphthalate
Concen: 2.11 ng/ul
RT: 13.86 min Scan# 1876
Delta R.T. -0.23 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Instrument :
BNA_G
ClientSampleId :
E5LH0

Tgt Ion:163 Resp: 80

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.3	4.9#
164	287.7	8.1	12.1#

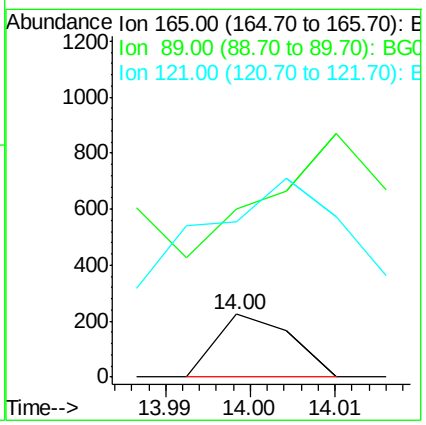


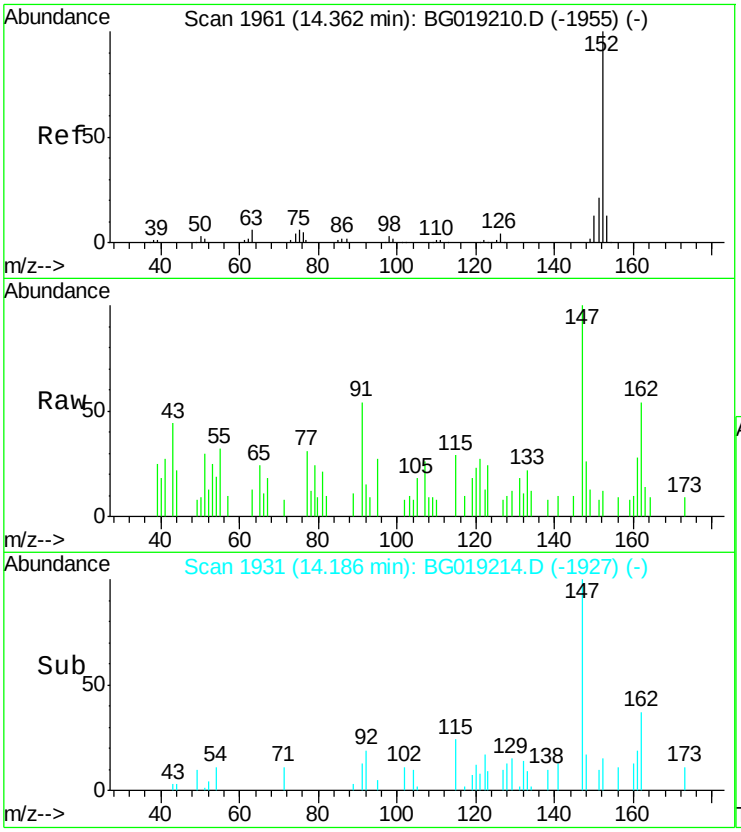


#46
2,6-Dinitrotoluene
Concen: 18.97 ng/ul
RT: 14.00 min Scan# 1899
Delta R.T. -0.21 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Tgt Ion:165 Resp: 137

Ion	Ratio	Lower	Upper
165	100		
89	267.9	45.5	68.3#
121	247.3	16.8	25.2#



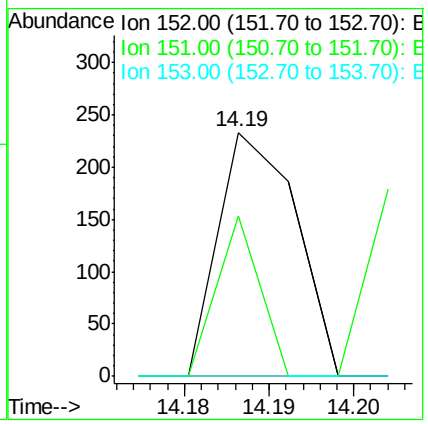


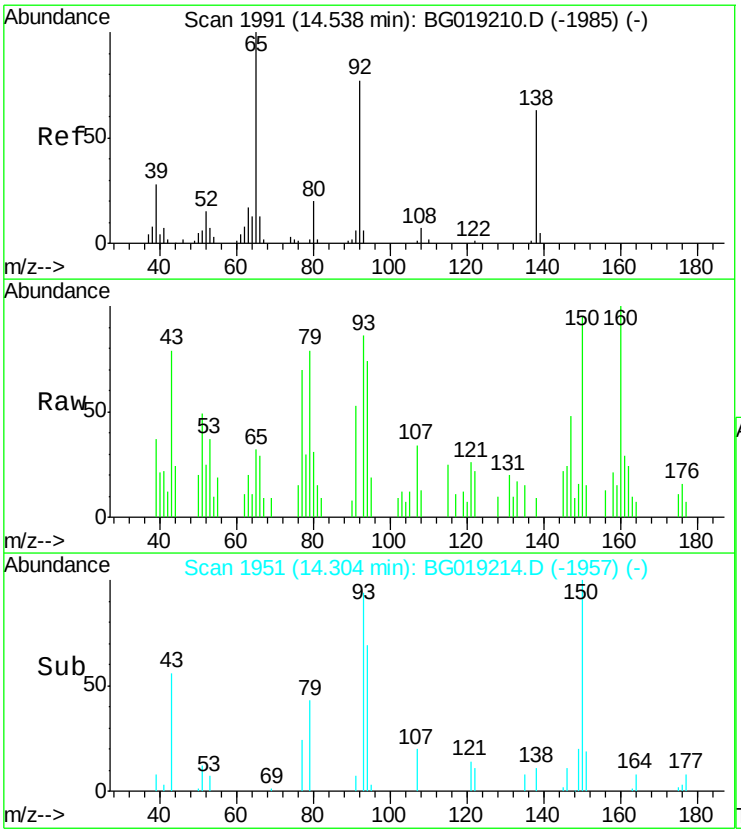
#48
Acenaphthylene
Concen: 3.30 ng/ul
RT: 14.19 min Scan# 1931
Delta R.T. -0.18 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Instrument :
BNA_G
ClientSampleId :
E5LH0

Tgt Ion:152 Resp: 148

Ion	Ratio	Lower	Upper
152	100		
151	66.1	16.6	25.0#
153	0.0	10.5	15.7#

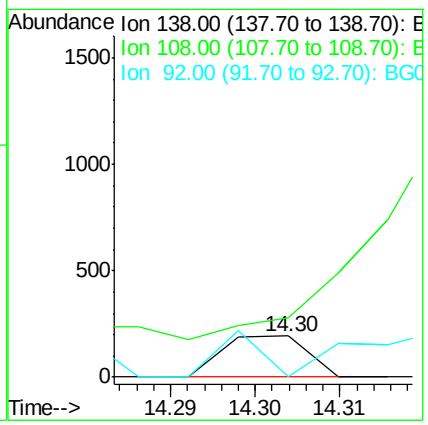


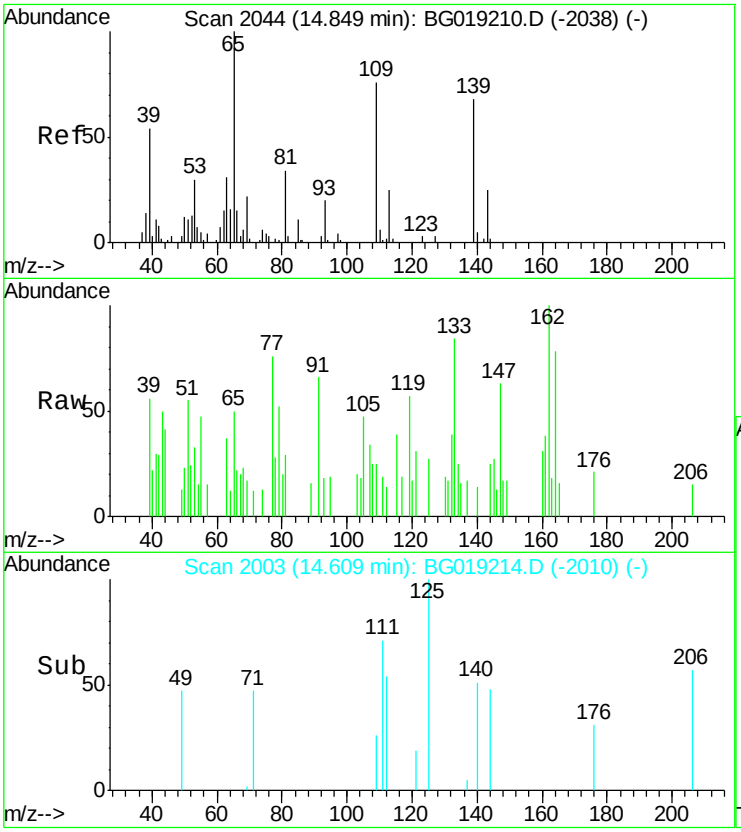


#49
3-Nitroaniline
Concen: 19.50 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. -0.23 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Tgt Ion:138 Resp: 135

Ion	Ratio	Lower	Upper
138	100		
108	144.8	8.9	13.3#
92	0.0	92.4	138.6#



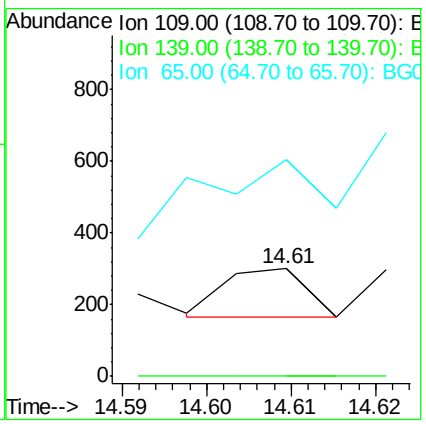


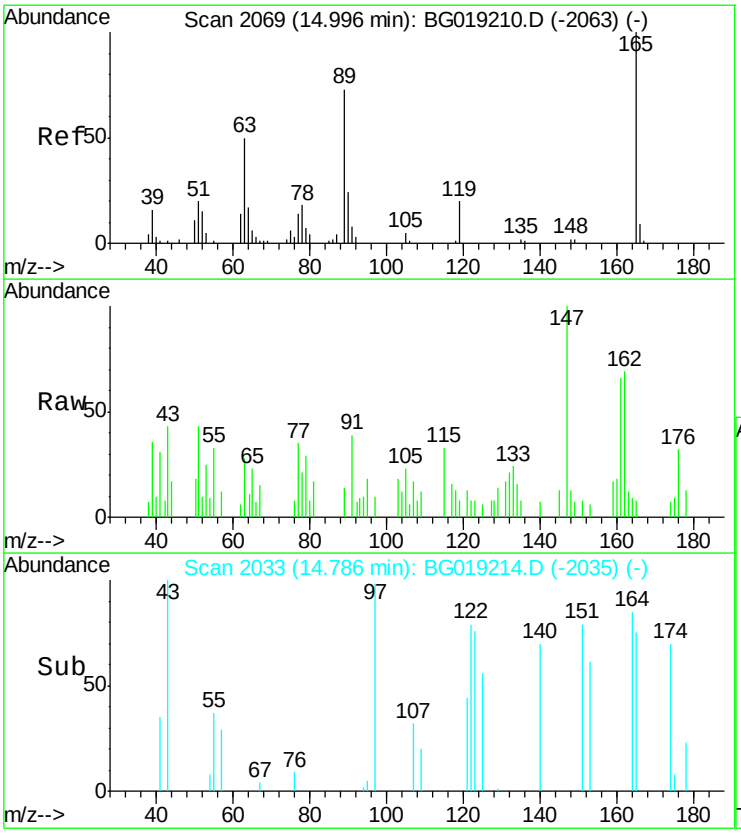
#53
4-Nitrophenol
Concen: 12.18 ng/ul
RT: 14.61 min Scan# 2003
Delta R.T. -0.24 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Instrument :
BNA_G
ClientSampleId :
E5LH0

Tgt Ion:109 Resp: 90

Ion	Ratio	Lower	Upper
109	100		
139	0.0	97.9	146.9#
65	201.3	117.4	176.0#

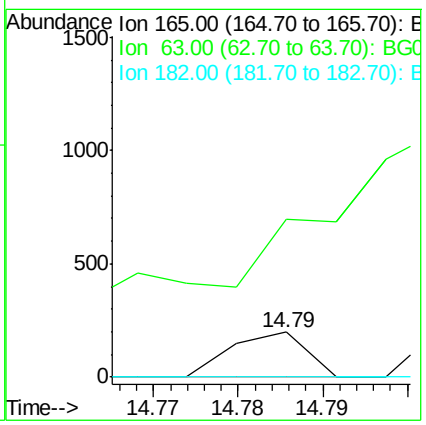


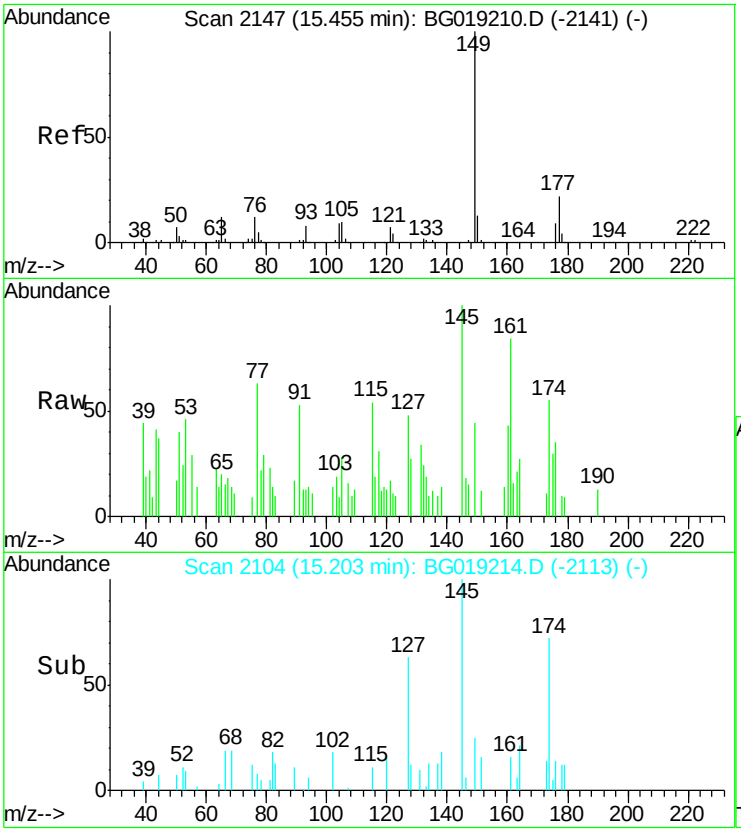


#55
2,4-Dinitrotoluene
Concen: 10.49 ng/ul
RT: 14.79 min Scan# 2033
Delta R.T. -0.21 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Tgt Ion:165 Resp: 123

Ion	Ratio	Lower	Upper
165	100		
63	350.3	39.5	59.3#
182	0.0	2.2	3.2#



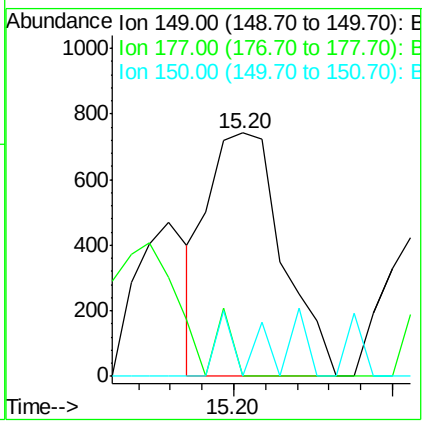


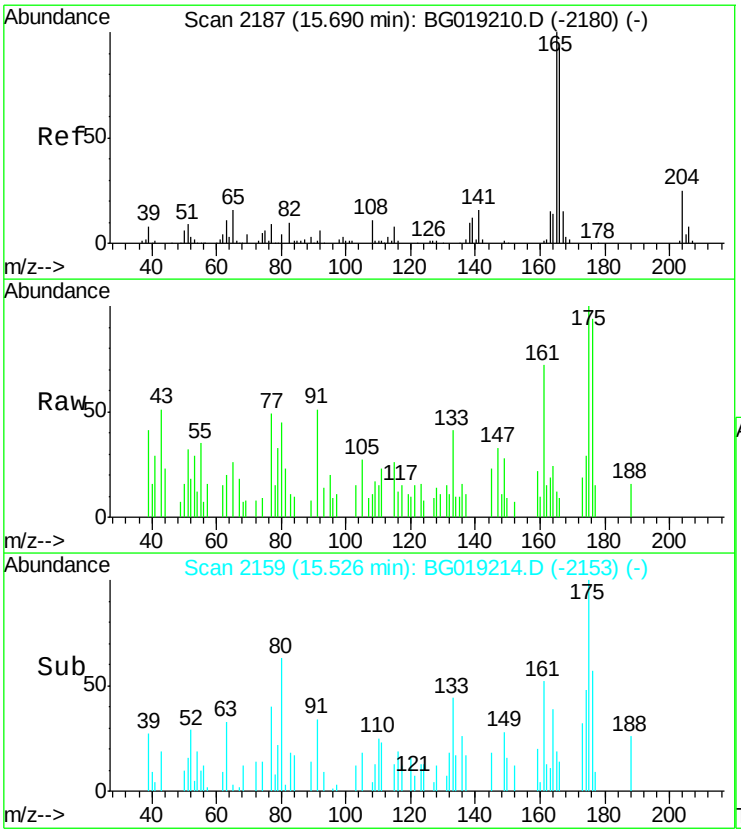
#57
Diethylphthalate
Concen: 30.98 ng/ul
RT: 15.20 min Scan# 2104
Delta R.T. -0.25 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Instrument :
BNA_G
ClientSampleId :
E5LH0

Tgt Ion:149 Resp: 1218

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.4	26.0#
150	0.0	10.0	15.0#

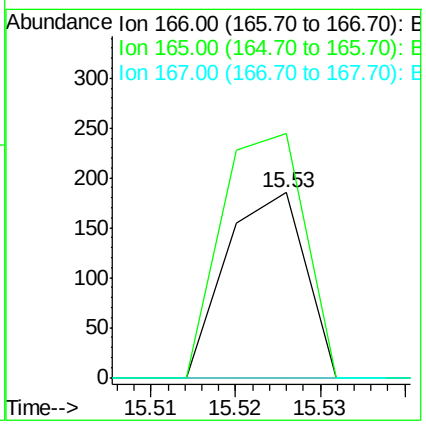


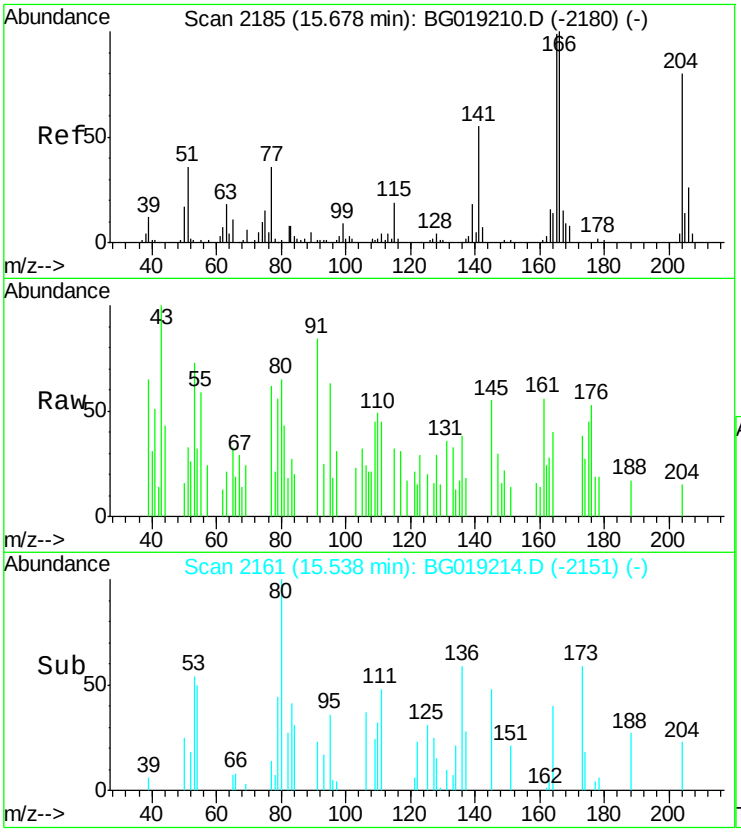


#59
Fluorene
Concen: 3.30 ng/ul
RT: 15.53 min Scan# 2159
Delta R.T. -0.16 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Tgt Ion:166 Resp: 120

Ion	Ratio	Lower	Upper
166	100		
165	131.9	77.7	116.5#
167	0.0	10.4	15.6#



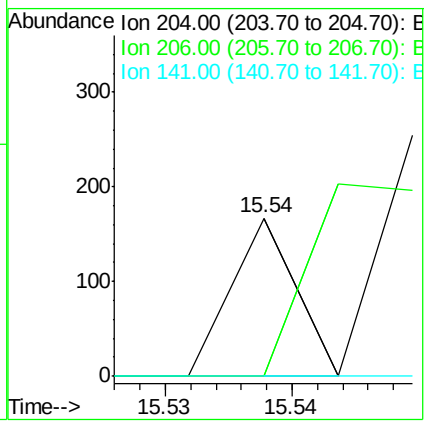


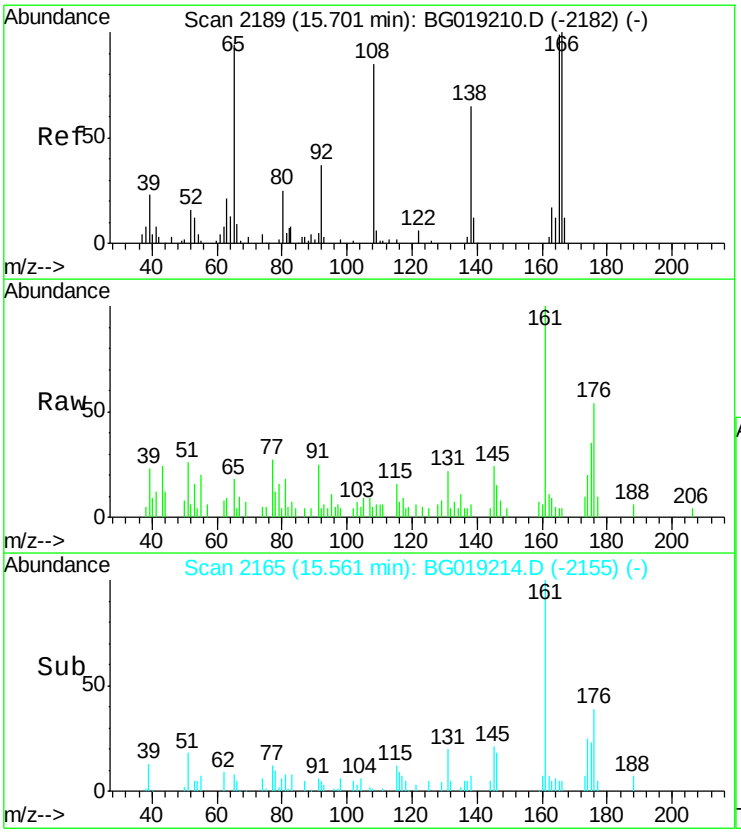
#60
4-Chlorophenyl-phenylether
Concen: 3.15 ng/ul
RT: 15.54 min Scan# 2161
Delta R.T. -0.14 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Instrument :
BNA_G
ClientSampleId :
E5LH0

Tgt Ion:204 Resp: 59

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.4	39.6#
141	0.0	44.4	66.6#

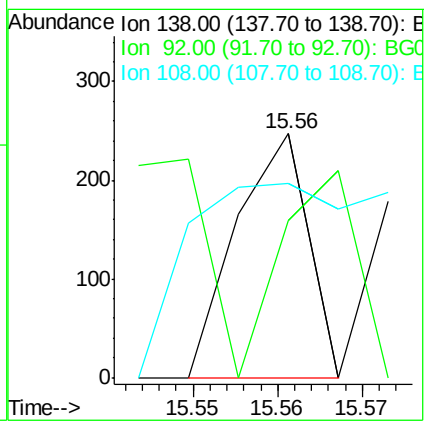


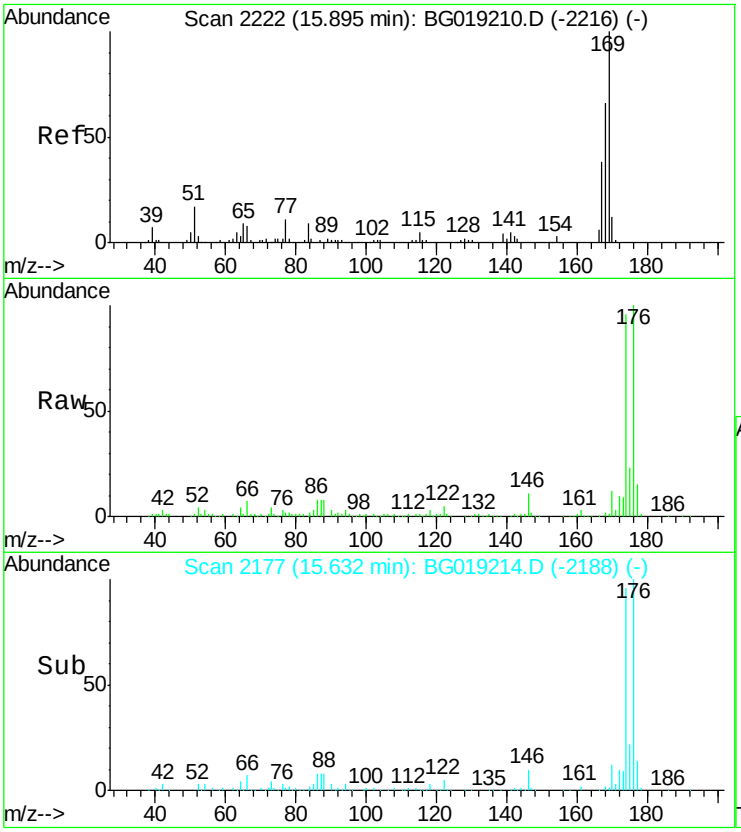


#61
4-Nitroaniline
Concen: 17.80 ng/ul
RT: 15.56 min Scan# 2165
Delta R.T. -0.14 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Tgt Ion:138 Resp: 146

Ion	Ratio	Lower	Upper
138	100		
92	64.4	47.4	71.2
108	79.8	62.8	94.2



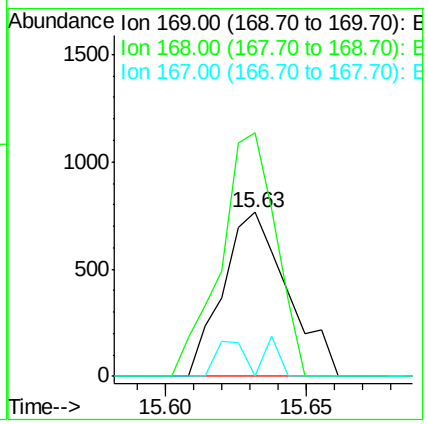


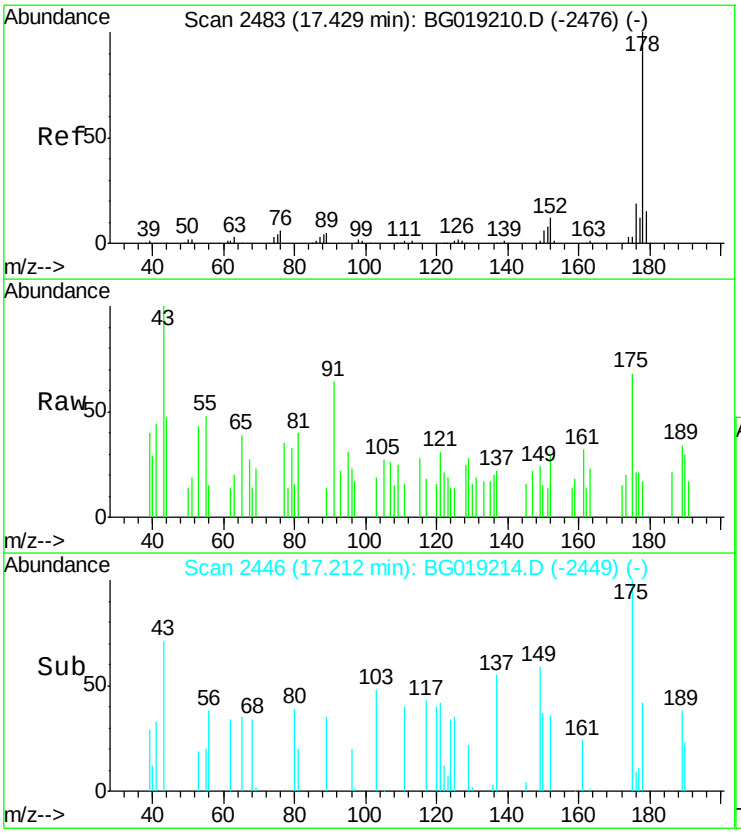
#65
N-Nitrosodiphenylamine
Concen: 225.00 ng/ul
RT: 15.63 min Scan# 2177
Delta R.T. -0.26 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Instrument :
BNA_G
ClientSampleId :
E5LH0

Tgt Ion:169 Resp: 1212

Ion	Ratio	Lower	Upper
169	100		
168	148.4	58.2	87.4#
167	0.0	30.9	46.3#

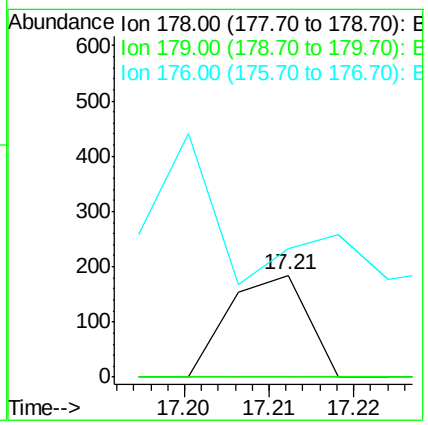


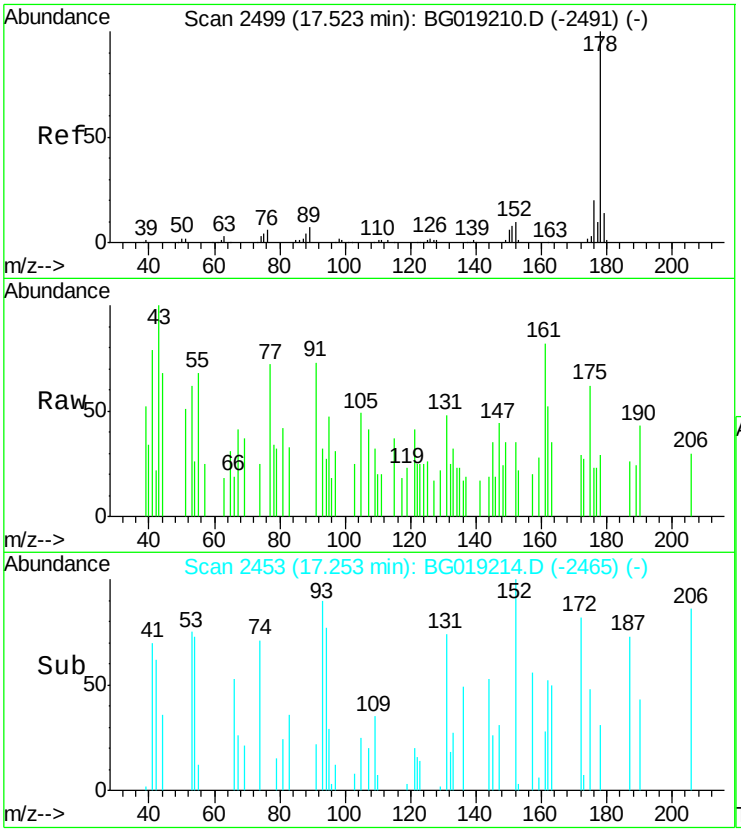


#70
Phenanthrene
Concen: 10.87 ng/ul
RT: 17.21 min Scan# 2446
Delta R.T. -0.22 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Tgt Ion:178 Resp: 119

Ion	Ratio	Lower	Upper
178	100		
179	0.0	12.5	18.7#
176	125.4	15.4	23.0#



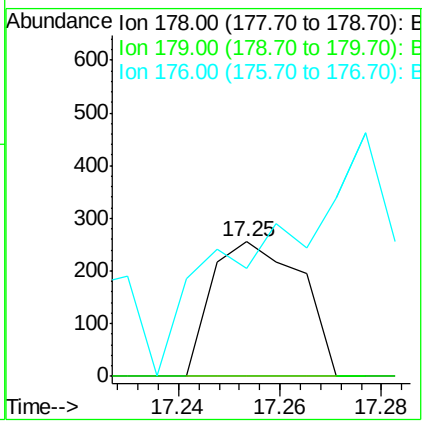


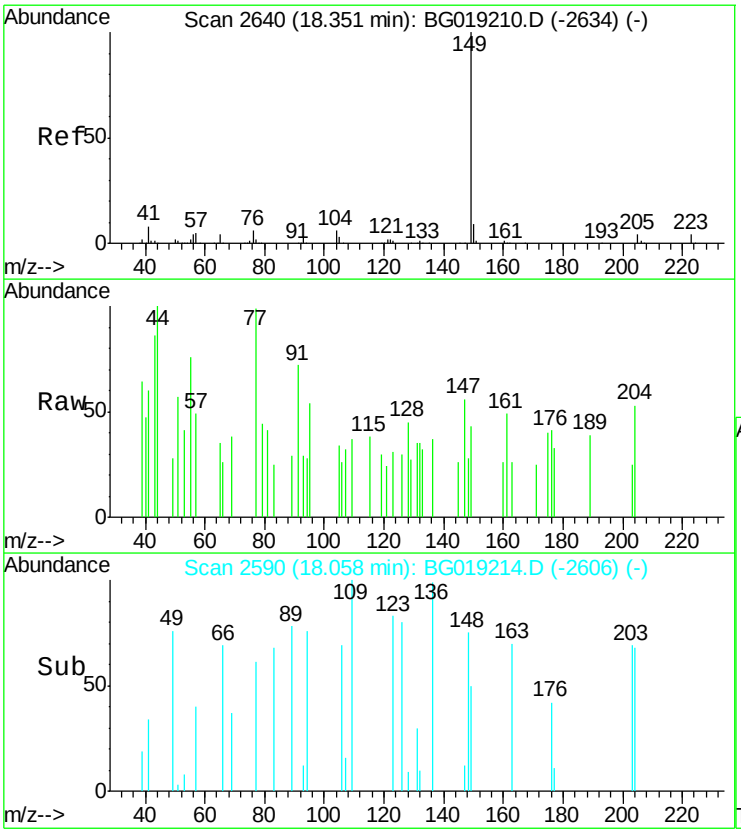
#72
Anthracene
Concen: 28.06 ng/ul
RT: 17.25 min Scan# 2453
Delta R.T. -0.27 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Instrument :
BNA_G
ClientSampleId :
E5LH0

Tgt Ion:178 Resp: 312

Ion	Ratio	Lower	Upper
178	100		
179	0.0	12.2	18.4#
176	80.0	15.0	22.6#

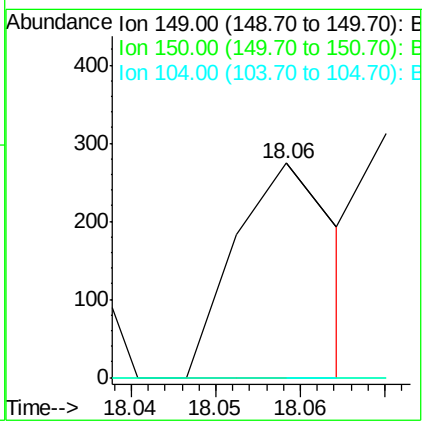


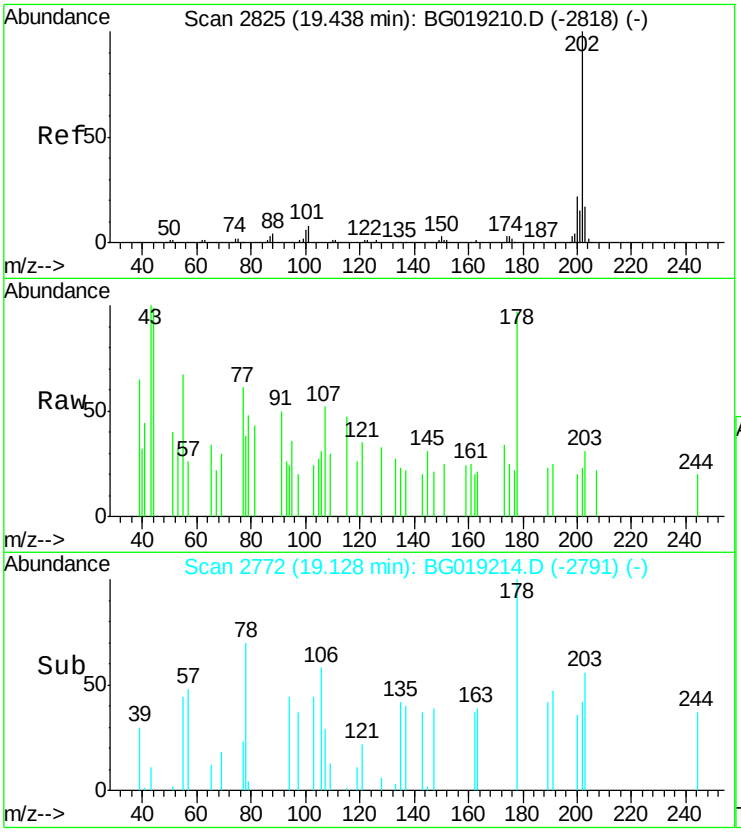


#76
Di-n-butylphthalate
Concen: 18.15 ng/ul
RT: 18.06 min Scan# 2590
Delta R.T. -0.29 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Tgt Ion:149 Resp: 229

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.1	10.7#
104	0.0	3.9	5.9#





#77
Fluoranthene
Concen: 4.38 ng/ul
RT: 19.13 min Scan# 2772
Delta R.T. -0.31 min
Lab File: BG019214.D
Acq: 15 Oct 2015 20:29

Instrument :
BNA_G
ClientSampleId :
E5LH0

Tgt Ion:202 Resp: 60

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.0	13.4#
100	0.0	6.9	10.3#